Index of Claims

| Application/Contro |  |
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10/519,361

Applicant(s)/Patent under Reexamination
IGUCHI ET AL.

Examiner

Art Unit

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|                  | _        | 12/11/05 |          |          |          |          |           | 1               |          |          | 1        | l 1                    |          | Claim Date          |          |          |  |           |                 |          |           | l            |       |            |   |                 | Date     |          |          |           |          |          |               |  |  |
|------------------|----------|----------|----------|----------|----------|----------|-----------|-----------------|----------|----------|----------|------------------------|----------|---------------------|----------|----------|--|-----------|-----------------|----------|-----------|--------------|-------|------------|---|-----------------|----------|----------|----------|-----------|----------|----------|---------------|--|--|
|                  | _        | 12       |          |          |          |          |           |                 |          |          |          | Final                  | Original |                     |          |          |  |           |                 |          |           |              | Final | Original   |   |                 |          |          |          |           |          |          |               |  |  |
| 3                | 1        | 1        |          |          | -        |          | $\vdash$  |                 | $\vdash$ |          | 1        |                        | 51       | $\vdash$            | $\dashv$ | $\dashv$ | ╁  | ╁         |                 |          | ┥         |              |       | 101        | - | $\vdash$        | -        | $\dashv$ | $\dashv$ |           | -        |          | _             |  |  |
| ;                | 2        | V        |          |          | $\neg$   |          |           |                 | _        |          | 1.       |                        | 52       | П                   |          | T        | 1  | 1         |                 |          |           |              |       | 102        | _ | П               | _        | 一        | _        |           |          |          |               |  |  |
|                  | 3        | 7        |          | _        |          |          |           |                 |          |          | 1        |                        | 53       |                     |          |          | T  |           |                 |          | ٦         |              |       | 103        |   | П               |          | コ        | $\neg$   |           |          |          |               |  |  |
|                  | 4        | 1        |          |          |          |          |           |                 |          |          | ]        |                        | 54       |                     |          |          |  |           |                 |          |           |              |       | 104        |   |                 |          |          |          |           |          |          |               |  |  |
|                  | 5        | 1        |          |          |          |          |           |                 |          |          |          |                        | 55       |                     |          |          |  |           |                 |          |           |              |       | 105        |   |                 |          |          |          |           |          |          |               |  |  |
|                  | 6        | 1        |          |          |          |          |           |                 |          |          |          |                        | 56       | Ш                   |          | $\perp$  |  |           | Ш               |          | ┙         |              |       | 106        |   |                 | _        |          |          |           |          | $\Box$   | <u>_</u>      |  |  |
|                  | 7        | 1        | $\Box$   | _        |          |          |           |                 |          |          | l        |                        | 57       | $\sqcup$            | $\dashv$ | _        |  | <u> </u>  |                 |          | _         |              |       | 107        |   | Ш               | _        | _        | _        | _         | _        | _        | $\vdash$      |  |  |
|                  | 8        | 4        |          | _        |          |          |           |                 |          |          | ŀ        |                        | 58       |                     | $\dashv$ | -        | 4.   | -         |                 |          | 4         |              |       | 108        |   | Ш               | -        |          | _        | _         | _        |          | <u> — </u>    |  |  |
|                  | 9        | 1        |          | -        |          |          | _         | Н               |          |          | -        | $\vdash \vdash$        | 59       |                     | -        | -        | +  | -         |                 |          | $\dashv$  |              |       | 109        |   | $\vdash$        | +        |          |          |           | $\dashv$ | _        | $\vdash$      |  |  |
|                  | 10       |          |          |          | -        |          |           | $\vdash$        |          |          |          |                        | 60       | H                   | $\dashv$ |          | +  | +-        | Н               | +        | $\dashv$  |              |       | 110<br>111 |   | $\vdash$        | $\dashv$ |          | $\dashv$ | -         | -        | -        | <del> </del>  |  |  |
|                  | 11<br>12 |          |          | $\dashv$ |          |          | _         | -               |          |          |          | $\vdash$               | 61<br>62 | $\vdash$            | -        | +        | +-   | +-        | $\vdash$        | $\dashv$ | $\dashv$  |              |       | 112        |   | $\vdash \vdash$ | $\dashv$ | -        |          |           | $\dashv$ | $\dashv$ | <del> </del>  |  |  |
|                  | 13       | -        |          | -        |          | -        | -         | $\vdash$        | H        |          | 1        | $\vdash \vdash \vdash$ | 63       | H                   | $\dashv$ | +        | +  | +         | $\vdash$        | +        | $\dashv$  |              |       | 113        | - | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\dashv$ | $\dashv$ | _             |  |  |
|                  | 14       | _        | +        | -        | $\dashv$ |          |           | H               | H        |          |          | $\vdash \dashv$        | 64       | H                   | $\dashv$ | +        | +  | $\vdash$  | H               | $\dashv$ | $\dashv$  |              |       | 114        | _ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | -        |          |               |  |  |
|                  | 15       |          |          | $\neg$   | $\dashv$ | -        |           | Н               |          |          | 1        | $\vdash$               | 65       | H                   | $\dashv$ | $\dashv$ | $\top$   | T         | $\Box$          | $\dashv$ | ┪         | : 1          |       | 115        |   | $\Box$          | $\dashv$ | $\dashv$ |          | $\dashv$  | $\neg$   |          | <u> </u>      |  |  |
|                  | 16       | $\dashv$ | $\neg$   | $\neg$   | $\neg$   |          | $\Box$    | П               |          | _        | 1        |                        | 66       | H                   | $\dashv$ | $\top$   | $\top$   | T         | $\Box$          | $\top$   | ᆌ         |              |       | 116        |   | $\Box$          | $\dashv$ | ┪        |          | $\exists$ |          |          |               |  |  |
|                  | 17       | 乛        | $\neg$   | ᅦ        |          |          |           | П               |          |          | 1        |                        | 67       | П                   |          | T        |  |           | П               |          | $\exists$ | and district |       | 117        |   |                 | $\neg$   | ╛        |          |           |          |          |               |  |  |
| 1                | 18       |          |          |          |          |          |           |                 |          |          | 3,50     |                        | 68       |                     |          |          |  |           |                 |          |           | ٠,           |       | 118        |   |                 |          |          |          |           |          |          |               |  |  |
|                  | 19       |          |          |          |          |          |           |                 |          |          | eta<br>E |                        | 69       |                     |          | T        |  |           |                 |          |           |              |       | 119        |   | .               |          |          |          |           |          |          |               |  |  |
|                  | 20       |          |          |          |          |          |           |                 |          |          | ]        |                        | 70       |                     |          |          |  |           |                 |          |           |              |       | 120        |   |                 |          |          |          |           |          |          |               |  |  |
|                  | 21       |          |          |          |          |          |           |                 |          |          |          |                        | 71       |                     |          |          |  |           |                 |          | _         |              |       | 121        |   |                 |          |          |          |           |          |          |               |  |  |
|                  | 22       |          | _        |          |          | _        |           |                 |          |          |          |                        | 72       | Ш                   | _        | _        |  | _         | Ш               | _        |           |              |       | 122        |   | $\sqcup$        | _        | _        | $\dashv$ |           | $\perp$  |          | لــــا        |  |  |
|                  | 23       | _        | _        | _        | _        | _        |           | Ш               |          |          | ŀ        |                        | 73       |                     |          |          | $\bot$   | ╙         | Ш               |          | _         | 1            |       | 123        |   | $\sqcup$        | _        | _        | _        | _         | $\dashv$ |          | <u> </u>      |  |  |
|                  | 24       | _        | _        | _        | - 1      |          |           | Н               |          |          | ļ l      | $\vdash$               | 74       | _                   |          |          | _  |           | $\sqcup$        |          | 4         |              |       | 124        |   |                 | -        | $\dashv$ | $\dashv$ |           | _        | _        |               |  |  |
|                  | 25       |          | -        | $\dashv$ |          |          | -         | Н               |          |          |          | <b> </b>               | 75       | $\vdash$            | -        | +        | +  | ╀         | $\vdash$        | -+       | 4         |              |       | 125        |   |                 | $\dashv$ | 4        | -        | $\dashv$  | +        | -        |               |  |  |
|                  | 26<br>27 | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | _         | Н               |          |          |          | $\vdash$               | 76<br>77 | $\vdash$            | +        | +        | +  | ┼         | $\vdash \vdash$ | -+       | $\dashv$  | ٠,           |       | 126<br>127 |   | $\vdash$        | -+       | -        |          | $\dashv$  | -+       | $\dashv$ |               |  |  |
|                  | 28       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          |           | -               |          |          |          |                        | 78       | $\vdash$            | -+       | +        | +  | ╁         | $\vdash$        | -+       | $\dashv$  |              |       | 128        |   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |           | -+       | $\dashv$ | $\overline{}$ |  |  |
|                  | 29       | $\dashv$ | $\dashv$ | $\dashv$ | ᆉ        | -        | _         | $\vdash$        | -        |          |          | -                      | 79       | -                   | +        | +        | +-   | ╫         | H               | +        | ┥         |              |       | 129        |   | $\vdash$        | $\dashv$ |          |          | $\dashv$  | $\dashv$ | $\dashv$ | -             |  |  |
|                  | 30       | $\dashv$ | +        | $\dashv$ | -        | -        |           |                 |          |          | 1.       |                        | 80       | -                   | -+       | +        | +  | ╁         | H               | -+       | ┨         | ٠.           |       | 130        |   | $\vdash$        | $\dashv$ | ┪        | 十        |           | -+       | ┪        | _             |  |  |
|                  | 31       | $\dashv$ | _        | 7        | $\neg$   | $\neg$   |           | Н               |          |          | 2.       |                        | 81       | $\vdash$            | $\dashv$ | +        | +  | $\dagger$ |                 |          | ┪         |              |       | 131        |   |                 | $\dashv$ | $\neg$   | 寸        | $\neg$    | _        |          | _             |  |  |
|                  | 32       | $\neg$   |          |          | $\neg$   |          |           |                 |          |          |          |                        | 82       |                     |          | $\top$   | 十  | 1         |                 |          | 7         |              |       | 132        |   |                 | _        | $\neg$   | 寸        | $\dashv$  | 寸        | T        |               |  |  |
|                  | 33       | 7        |          | ヿ        | 寸        | $\neg$   |           |                 |          |          | - 1      |                        | 83       | $\Box$              |          |          | ┪  | T         | П               |          | 7         |              |       | 133        |   | $\Box$          | 寸        |          | $\dashv$ |           |          |          |               |  |  |
| 3                | 34       |          |          |          |          |          |           |                 |          |          |          |                        | 84       |                     |          |          | $oldsymbol{ol}}}}}}}}}}}}}}$ |           |                 |          |           | - 1          |       | 134        |   |                 |          |          | J        |           |          |          | _             |  |  |
|                  | 35       |          |          | $\Box$   |          |          |           |                 |          |          |          |                        | 85       |                     | $\Box$   |          |  |           |                 |          | $\Box$    |              |       | 135        |   |                 | $\perp$  | $\Box$   | I        |           | $\Box$   |          |               |  |  |
|                  | 36       |          | $\Box$   | ⅃        | $\Box$   |          |           |                 |          |          |          |                        | 86       |                     | $\perp$  | $\perp$  | ┸  |           |                 | $\perp$  | _         |              |       | 136        |   |                 | _[       | $\prod$  |          | [         |          |          |               |  |  |
|                  | 37       |          | _        | _        |          | _        |           |                 |          |          |          | $\square \downarrow$   | 87       | $\sqcup$            | $\perp$  | $\perp$  | $\perp$  | _         | Ш               |          | 4         |              |       | 137        |   | $\sqcup$        | 4        | $\dashv$ | _        | _         | _        | _        | _             |  |  |
|                  | 38       | _        |          | _        | _        | _        | _         | $\sqcup$        |          |          |          |                        | 88       | $\sqcup \downarrow$ | _        |          | $\bot$   | Ь.        | Ш               | _        | 4         | .            |       | 138        |   | $\sqcup$        | $\perp$  | _        | _        | _         | _        | _        |               |  |  |
|                  | 39       | 4        | _        | _        | -        | 4        | _         | $\vdash$        | _        | _        |          |                        | 89       | $\dashv$            | -        | _        |  | 1         | $\vdash$        | $\perp$  | 4         | - (          |       | 139        |   | $\vdash$        | _        | 4        | 4        |           | _        | _        |               |  |  |
|                  | 10       | $\dashv$ | -        | 4        | _        | 4        | -         | $\vdash \vdash$ | _        | _        |          | $\vdash \vdash$        | 90       | $\sqcup$            | +        | +        | +  |           | $\vdash$        | +        | 4         |              |       | 140        |   | $\vdash \vdash$ | +        | 4        |          |           |          | _        | _             |  |  |
| 14               | 11<br>12 | -        | -        | -        |          | -        |           | $\vdash \vdash$ |          | -        |          |                        | 91<br>92 |                     | +        | +        | +-   | ╀         | $\vdash$        | -+       | 4         |              |       | 141<br>142 |   | $\vdash \vdash$ | +        | 4        |          | 4         | +        | $\dashv$ |               |  |  |
|                  | 13       | $\dashv$ | $\dashv$ | +        | -        | $\dashv$ | $\dashv$  | $\vdash$        | $\dashv$ | -        |          | $\vdash$               | 93       | $\dashv$            | +        | +        | +  | -         | $\vdash$        |          | $\dashv$  |              |       | 142        | _ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\dashv$ | $\dashv$ | _             |  |  |
| - <del>  4</del> | 14       | +        | $\dashv$ | $\dashv$ | -+       | $\dashv$ |           | $\vdash$        |          |          |          | $\vdash \vdash \vdash$ | 94       | $\vdash$            | +        | +        | +  | $\vdash$  | $\vdash$        | +        | ։         |              |       | 144        |   | $\vdash$        | +        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -        |               |  |  |
|                  | 15       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$  | $\vdash$        | $\dashv$ |          |          |                        | 95       | -                   | $\dashv$ | 十        | +-   | +-        | $\vdash \dashv$ | $\dashv$ | $\dashv$  | ŀ            |       | 145        |   | -+              | $\dashv$ | +        | -+       | $\dashv$  | $\dashv$ | -        |               |  |  |
| 4                | 16       | $\dashv$ | -+       | +        | $\dashv$ | $\dashv$ |           | $\vdash$        | $\dashv$ | $\dashv$ |          |                        | 96       | $\dashv$            | $\dashv$ | +        | +  |           | $\vdash \vdash$ | +        | ┪         | ł            |       | 146        |   | $\vdash$        | $\dashv$ | -        | -        | $\dashv$  | $\dashv$ | -        | _             |  |  |
| 4                | 17       | -        | $\dashv$ | $\dashv$ | +        | ᅥ        |           | $\dashv$        |          | -        |          | $\vdash \dashv$        | 97       | $\dashv$            | $\dashv$ | +        | +  |           | $\vdash$        | $\dashv$ | ᅥ         | ŀ            |       | 147        |   | $\dashv$        | +        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |               |  |  |
|                  | 18       | +        | $\dashv$ | $\dashv$ | -        | $\dashv$ |           |                 | $\neg$   | $\neg$   |          |                        | 98       | $\dashv$            | $\dashv$ | $\top$   | $\top$   | $\vdash$  | $\vdash$        | $\top$   | $\dashv$  |              |       | 148        |   | $\dashv$        | _        | $\dashv$ | 一        | 7         |          | $\dashv$ | -             |  |  |
| 4                | 19       | 十        | $\dashv$ | 寸        | 寸        | $\neg$   | $\dashv$  | $\neg$          |          |          |          |                        | 99       | $\neg$              | $\neg$   | $\top$   | 1  |           |                 | $\top$   | $\exists$ |              |       | 149        |   | $\Box$          | $\top$   | 7        | $\neg$   | ᅥ         | $\neg$   | $\dashv$ |               |  |  |
| 5                | 50       |          |          | _        |          |          | $\exists$ |                 | $\neg$   |          |          |                        | 100      |                     |          |          | $oxed{oxed}$   |           |                 |          |           |              |       | 150        |   |                 |          |          | _1       |           |          | ╗        | _             |  |  |